



Ministry of
Northern Development
and Mines

Mines and
Minerals
Division

ONTARIO GEOLOGICAL SURVEY

GEOLOGICAL DATA INVENTORY FOLIO 467

FACTOR LAKE AREA

52 C/09 NE

DISTRICTS OF KENORA AND THUNDER BAY

Compiled by the Staff of
the Resident Geologist's Office
Kenora



Scale: 1:1 013 760 or 1 inch to 16 miles



This project is part of the five year Canada-Ontario 1988 Mineral Development Agreement (COMDA), a subsidiary agreement to the Economic and Regional Development Agreement (ERDA) signed by the governments of Canada and Ontario.

Factor Lake Area

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ACCOMPANYING MAPS

Property Location Map - 1 map

Exploration Data Map - 1 map

Map Scale 1: 31 680 or 1 inch to ½ mile

CONVERSION FACTORS FOR MEASUREMENTS IN ONTARIO GEOLOGICAL SURVEY PUBLICATIONS

If the reader wishes to convert imperial units to SI (metric) units or SI units to imperial units the following multipliers should be used:

CONVERSION FROM SI TO IMPERIAL			CONVERSION FROM IMPERIAL TO SI		
SI Unit	Multiplied by	Gives	Imperial Unit	Multiplied by	Gives
LENGTH					
1 mm	0.039 37	inches	1 inch	25.4	mm
1 cm	0.393 70	inches	1 inch	2.54	cm
1 m	3.280 84	feet	1 foot	0.304 8	m
1 m	0.049 709 7	chains	1 chain	20.116 8	m
1 km	0.621 371	miles (statute)	1 mile (statute)	1.609 344	km
AREA					
1 cm ²	0.155 0	square inches	1 square inch	6.451 6	cm ²
1 m ²	10.763 9	square feet	1 square foot	0.092 903 04	m ²
1 km ²	0.386 10	square miles	1 square mile	2.589 988	km ²
1 ha	2.471 054	acres	1 acre	0.404 685 6	ha
VOLUME					
1 cm ³	0.061 02	cubic inches	1 cubic inch	16.387 064	cm ³
1 m ³	35.314 7	cubic feet	1 cubic foot	0.028 316 85	m ³
1 m ³	1.308 0	cubic yards	1 cubic yard	0.764 555	m ³
CAPACITY					
1 L	1.759 755	pints	1 pint	0.568 261	L
1 L	0.879 877	quarts	1 quart	1.136 522	L
1 L	0.219 969	gallons	1 gallon	4.546 090	L
MASS					
1 g	0.035 273 96	ounces (avdp)	1 ounce (avdp)	28.349 523	g
1 g	0.032 150 75	ounces (troy)	1 ounce (troy)	31.103 476 8	g
1 kg	2.204 62	pounds (avdp)	1 pound (avdp)	0.453 592 37	kg
1 kg	0.001 102 3	tons (short)	1 ton (short)	907.184 74	kg
1 t	1.102 311	tons (short)	1 ton (short)	0.907 184 74	t
1 kg	0.000 984 21	tons (long)	1 ton (long)	1016.046 908 8	kg
1 t	0.984 206 5	tons (long)	1 ton (long)	1.016 046 908 8	t
CONCENTRATION					
1 g/t	0.029 166 6	ounce (troy)/ ton (short)	1 ounce (troy)/ ton (short)	34.285 714 2	g/t
1 g/t	0.583 333 33	pennyweights/ ton (short)	1 pennyweight/ ton (short)	1.714 285 7	g/t

OTHER USEFUL CONVERSION FACTORS

1 ounce (troy)/ton (short)	20.0	pennyweights/ton (short)
1 pennyweight/ton (short)	0.05	ounce (troy)/ton (short)

One gram(g) per tonne is equivalent to one part per million (1 ppm).

NOTE—Conversion factors which are in bold type are exact. The conversion factors have been taken from or have been derived from factors given in the Metric Practice Guide for the Canadian Mining and Metallurgical Industries published by The Mining Association of Canada in co-operation with the Coal Association of Canada.

DATA SOURCES CHECK LIST

NOTE: The following sources have been searched to compile the data for this area. If no reference data was found the appropriate box is marked 'no'; if reference data was found, the box is marked 'yes'.

All reference data found are included in the following pages. If the box is blank, the data source has not yet been searched. If the box is marked N.A., the source item is Not Applicable to this area and therefore not searched.

SOURCES OF DATA		Data	Initial
1	Resident Geologist's Office Files	YES	TE 02/88
2	Assessment Files Research Office, Toronto		
3	ODM General Index; 9 volumes	YES	TE 02/88
4	Catalogue of Airborne Geophysical Surveys (ODM)		
5	ODM Mineral Resources Circulars and OGS Mineral Deposits Circulars	YES	TE 02/88
6	ODM Industrial Mineral Reports	NO	TE 02/88
7	Bibliography of Post Precambrian Theses - Karrow (ODM MP 1)	NO	TE 02/88
8	Bibliography of Precambrian Theses - Ginn (ODM MP 2)	NO	TE 02/88
9	Newspaper Clippings File	YES	TE 02/88
10	GSC Index to Publications	YES	TE 02/88
11	OGS Index to Published Maps and Reports - MP 77 and Supplements to MP 77	YES	TE 02/88
12	OGS Index Maps	YES	TE 02/88
13	Source Mineral Deposit Records (O.G.S.) and MDIR'S	NO	TE 02/88
14	Author - Subject Articles File		
15	Miscellaneous Papers: ODM & OGS	YES	TE 02/88
16	ODM Geological Circulars: OGS Study Series	NO	TE 02/88
17	ODM Preliminary Reports: ODM Bulletins	YES	TE 02/88
18	ODM - OGS Open File Reports	YES	TE 02/88
19	OGS Northern Ontario Engineering Geology Terrain Studies	YES	TE 02/88
20	OGS Aggregate Resources Inventory Papers	NO	TE 02/88
21	OGS Mineral Potential Maps	YES	TE 02/88
22	Theses on File, Kenora	NO	TE 02/88
23	Aerial Photos on File, Kenora	YES	TE 02/88
24	OBM Maps on File, Kenora	YES	TE 02/88

METALS AND MINERALS REFERENCES LIST

Δ anh.	Anhydrite	Δ fu.	Fuchsite	Δ Ni.	Nickel	Δ st.	Stone
Δ ank.	Ankerite	Δ gn.	Galena	Δ Nb	Niobium	Δ talc.	Talc
Δ anna.	Annabergite	Δ gt.	Garnet	Δ Pd	Palladium	Δ Te	Tellurium
Δ ap.	Apatite	Δ goe.	Goethite	Δ peat	Peat	Δ td.	Tetrahedrite
Δ arg.	Argentite	Δ Au	Gold	Δ pent	Pentlandite	Δ th.	Thorite
Δ As	Arsenic	Δ gf.	Graphite	Δ Pt.	Platinum	Δ Th	Thorium
Δ ap.	Arsenopyrite	Δ gl.	Gravel	Δ py	Pyrite	Δ thuc.	Thucholite
Δ asb.	Asbestos	Δ gyp.	Gypsum	Δ pyl	Pyrochlore	Δ ti	Titanite
Δ ba.	Barite	Δ hem	Hematite	Δ pyrl	Pyrolusite	Δ Ti.	Titanium
Δ be.	Beryl	Δ il	Ilmenite	Δ po	Pyrrhotite	Δ tour	Tourmaline
Δ Bi.	Bismuth	Δ Fe	Iron	Δ q	Quartz	Δ trap	Trap rock
Δ bn	Bornite	Δ IF.	Iron Formation	Δ qcv.	Quartz carbonate vein	Δ W.	Tungsten
Δ bran	Brannerite	Δ jas	Jasper	Δ ra.	Radioactive minerals	Δ uran	Uraninite
Δ bruc.	Brucite	Δ kaol	Kaolinite (kaolin)	Δ RE	Rare Earths	Δ U.	Uranium
Δ Cd	Cadmium	Δ ky	Kyanite	Δ sd.	Sand	Δ verm.	Vermiculite
Δ calc.	Calcite	Δ Pb	Lead	Δ sgl	Sand and gravel	Δ Y	Yttrium
Δ carb.	Carbonate	Δ lim	Limonite	Δ ss	Sandstone	Δ Zn	Zinc
Δ cel	Celestite	Δ Li.	Lithium	Δ scap	Scapolite	Δ zr	Zircon
Δ cc.	Chalcocite	Δ mgst.	Magnetite	Δ shee	Scheelite		
Δ cp.	Chalcopyrite	Δ mag	Magnetite	Δ serp	Serpentine		
Δ ch.	Chert	Δ mc	Malachite	Δ sh.	Shale		
Δ clay	Clay	Δ Mn	Manganese	Δ sid	Siderite		
Δ Co	Cobalt	Δ mb.	Marble	Δ si	Silica		
Δ cob.	Cobaltite	Δ mar.	Marcasite	Δ Ag	Silver		
Δ cb.	Columbite	Δ ma	Marl	Δ sl	Slate		
Δ Cu	Copper	Δ mi	Mica	Δ sm	Smaltite		
Δ cor	Corundum	Δ ml	Millerite	Δ sod	Sodalite		
Δ dol	Dolomite	Δ mo	Molybdenite	Δ spec	Specularite		
Δ ep.	Epidote	Δ Mo	Molybdenum	Δ sp.	Sphalerite		
Δ ery	Erythrite	Δ mon	Monazite	Δ spd.	Spodumene		
Δ fel	Feldspar	Δ ne.	Nephelite (nepheline)	Δ staur	Staurolite		
Δ fl	Fluorite (fluor spar)	Δ nc.	Niccolite	Δ stib.	Stibnite		

Solid triangles indicate metal and mineral occurrences shown on the accompanying maps or mentioned within either Drillhole Summary or Mineral Occurrences.

MINERAL OCCURRENCES					Additional References and/or Remarks
Map Ref. Letter	Name(s)	Mineralization	Source Mineral Deposit Record	References in OGS Mineral Deposits Circulars & OGS Industrial Mineral Reports	
A	Hidden Treasure Mine (mining locations HP 278/279) (Animikie Mines Ltd.)	Au			OBM AR Vol. 10, p. 85, OGS GR 226, p. 46, 47, OGS OFR 5539, p. 258, 259 OGS Map P. 2405 Assessment File, Kenora 52C/09 NE; C-1
B	Kroomco, D., Murray, W.	Au, Ag, py, cp, gn, ne			Assessment Files, Kenora 52C/09 NE; B-1 to B-9
C	Mills Creek Occurrence	py, asp, cp			OGS GR 226, p. 58, OGS OFR 5539, p. 333-335, OGS Maps P. 2405 Assessment Files, Kenora 52C/09 NE; A-1
D	Unnamed	gf, py			OGS Map P. 2405 OGS Map 2467
E	Mayflower Mine	Au, Ag		OGS MDC 16 p. 27	Mineral Deposit File, Kenora Assessment Files, Kenora 52C/09 NE; DD-1 OGS GR 226, p. 54-58 OGS OFR 5539, p. 314-321 OGS Map 2467 OGS Map P. 2405

TYPE OF WORK		Numbers below represent the year in which the work was done; e.g., 68 for 1968.																	
EXPLORATION DATA filed at the RESIDENT GEOLOGIST'S OFFICE Kenora	COMPANY/AUTHOR (file number)	GEOLOGICAL	GEOCHEMICAL	TRENCHING, STRIPPING	DRILLING	ASSAY DATA	UNDERGROUND WORK	PROSPECTUS, NOTES, CORRESPONDENCE	AIRBORNE MAGNETOMETER	AIRBORNE ELECTROMAGNETIC	AIRBORNE RADIOMETRIC	GROUND MAGNETOMETER	GROUND ELECTROMAGNETIC	GROUND RADIOMETRIC	INDUCED POLARIZATION	SELF POTENTIAL	RESISTIVITY		
1	Andowan Mines Limited 52C/09 NE; DD-1	36			45 46	72 45 46 28		18 46 48 57 72											
2	Animikie Mines 52C/09 NE; C-1																		
3	Kroocmo, D.M., Murray, W.S. 52C/09 NE; B-1			82															
3	Kroocmo, D.M. 52C/09 NE; B-7			83		85			85										
4	Kroocmo, D.M. 52C/09 NE; B-2			83															
4	Kroocmo, D.M. 52C/09 NE; B-3			83															
4	Kroocmo, D.M. 52C/09 NE; B-6			86															
5	Kroocmo, D.M. 52C/09 NE; B-4		83 85																

GDIF FORM NO. 2

TYPE OF WORK		Numbers below represent the year in which the work was done; e.g., 68 for 1968.															
		GEOLOGICAL	GEOCHEMICAL	TRENCHING, STRIPPING	DRILLING	ASSAY DATA	UNDERGROUND WORK	PROSPECTUS, NOTES, CORRESPONDENCE	AIRBORNE MAGNETOMETER	AIRBORNE ELECTROMAGNETIC	AIRBORNE RADIOMETRIC	GROUND MAGNETOMETER	GROUND ELECTROMAGNETIC	GROUND RADIOMETRIC	INDUCED POLARIZATION	SELF POTENTIAL	RESISTIVITY
5	EXPLORATION DATA filed at the RESIDENT GEOLOGIST'S OFFICE Kenora	COMPANY/AUTHOR (file number) Kroocmo, D.M. 52C/09 NE; B-9			87												
6		Kroocmo, D.M. 52C/09 NE; B-5			85												
7		Kroocmo, D.M. 52C/09 NE; B-8			87												
8		Murray, W.S. 52C/09 NE; A-1			80												

DRILLHOLE SUMMARY		Company Drillhole Number	Date Drilled	Bearing Azimuth	Initial Dip of Hole	Thickness of Overburden (ft.)	Total Length of Hole (ft.)	Mineralization Noted in Log	Assay Data Included for
Map Drilling Location Number	Company Name								
1.	Andowan Mines Limited	1	Fall '45	345°	-65°	NA	NA	NA	Au
1.	Andowan Mines Limited	2	Fall '45	150°	-50°	NA	NA	NA	Au
2.	Freeport Exploration Co.	1	July/46	169°	-50°	24	201	py,gn,asp	Au
2.	Freeport Exploration Co.	2	July/46	176°	-60°	18.5	166.5	py,asp,cp	Au
2.	Freeport Exploration Co.	3	July/46	160°	-50°	18	255	py,asp,cp	Au
2.	Freeport Exploration Co.	4	July/46	176°	-60°	3	195	py,gn	Au
2.	Freeport Exploration Co.	5	Aug/46	170°	-45°	3	253	py	Au
2.	Freeport Exploration Co.	6	Aug/46	176°	-50°	60	433	py,gf,cp,Co	Au
2.	Freeport Exploration Co.	10	Aug/46	356°	-50°	29	350	py,mc,mag,cp	Au,Ag
2.	Freeport Exploration Co.	11	Fall '46	353°	-50°	23	160	py,hem,cp	Au
2.	Freeport Exploration Co.	12	Oct/46	356°	-50°	25	203	py,cp,gn	Au
2.	Freeport Exploration Co.	13	Oct/46	NA	-60°	40	300	IF, py	Au
3.	Freeport Exploration Co.	7	Aug/46	170°	-50°	7	248	py,cp	Au
3.	Freeport Exploration Co.	8	Aug/46	170°	-60°	3	252	py,gf,cp,IF	Au
3.	Freeport Exploration Co.	9	Aug/46	170°	-50°	10	149	gf,cp,hem,py	Au

AIRBORNE GEOPHYSICAL SURVEY DATA			Flight Line Altitude	Flight Line Direction	Flight Line Spacing
No.	By For	Type of Survey			
	No data on file as of December 1987	for Factor Lake Area, Kenora Mining Division.			

Map Sample Site Reference Number	GEOCHEMICAL SURVEY DATA		By	Reference
	Type of Survey	Analysis For		
	No data on file as of December 1987 for Factor Lake Area, Kenora Mining Division			

Map Sample Site Reference Number	GEOCHEMICAL SURVEY DATA		By	Reference
	Type of Survey	Analysis For		

MISCELLANEOUS DATA

AGE DATING

Site	Method	Material	Reference	Result

No data on file for Factor Lake Area, Kenora Mining Division as of December 1987.

Age dating is available for adjacent areas. Refer to OGS OFR 5592, accompanied by map P.2843, scale 1" to 16 miles.

NEWSPAPER CLIPPINGS FILE

NOTE: A file of newspaper clippings about the companies listed below, who have worked in this area, is maintained in the Regional/Resident Geologist's Office. Kenora

Newspaper clippings in the Kenora Office are filed in the corresponding Mineral Deposits File

ODM GENERAL INDEX SEARCH

Words searched: Andowan Mines Limited, Animikie Mines, Calm Lake, Gehl Lake, HP 278, 279, Hidden Treasure Mine, Kroocmo, D.M., Mills Creek Occurrence, Murray, W.S., Nonwatin Lake, Price Lake, Rainy River Development Company, Mayflower Mine, K.390, 391.

Index Volume	Listing:	Report Volume	Part	Page
1	Hidden Treasure Gold Mine Lower Seine River, R.R.D. Work at (1900)	10		85
	Nonwatin Lake, Seine River Gold mining near	Bull 6 9 5	1	5 79 76 150,151
	Notes by Blue			
	Rainy River Development Company Capital and date of charter Work by (1900)	10 10		10 84,85
3	Andowan Mines Limited Incorporated	49	1	45
	Animikie Mines Limited Incorporated Capital; offices; operations; (1930)	38 40	1 1	53 109
6	Calm Lake, Bennett and Tanner Townships Quartz veins near Rocks	69 69	4 4	14,15 10-13
1	Mayflower Gold Mine, Seine River Work at (1900)	10		84
3	Mayflower Gold Mine, West of Flanders Operations (1927) Owners (1936) Report and sketch map	37 46 38	1 1 6	131 25 51,52
	Mayflower Gold Mines, Ltd. Capital; officers; operations Incorporated	37 38	1 1	131 55
9	Mayflower Gold Mine, Atikokan Area, Rainy River District	MDC 16 MP 090 MP 091 MP 096		27 211,212 49 32,35

ODM GENERAL INDEX SEARCH

Words searched:

Index Volume	Listing:	Report Volume	Part	Page

Author	Date	SELECTED REFERENCES			Map Scales and/or Report Pages
		Title		Reference	
Blackburn, C.E., Beard, R.C., Rivett, S. Davis, J.C., Pryslak, A.P., Harris, F. Fumerton, S.L. Sage, R.P., Breaks, F.W., Stott, G.M., McWilliams, G.M., Ali, A. Young, W.L. et al.	1979	REGIONAL COMPILATION MAPS Kenora-Fort Frances, Kenora and Rainy River District, Geological Compilation Series		OGS Map 2443	1" to 4 miles (1:253,440)
	1965	Rainy Lake Sheet, District of Rainy River, Geologi- cal Compilation Series		ODM Map P.293	1" to 2 miles (1:126,720)
	1984	Calm Lake Area, Rainy River District; Ontario Geological Survey, Precambrian Geology Series		OGS Map 2467	1" to 1/2 mile (1:31,680)
	1974	Operation Ignace-Armstrong, Mine Centre-Entwine Lake Sheet. Districts of Kenora and Rainy River, Geological Series, Geology 1973		ODM Map P.965	1" to 2 miles (1:126,720)
	1960	Bennett-Tanner Area, District of Rainy River, Ontario		ODM Map 1960b	1" to 1/2 mile (1:31,680)
Ontario Department of Mines and Geological Survey of Canada	1961	GEOPHYSICAL MAPS Beaverhouse Lake, Rainy River District, Ontario, Airborne Magnetic Survey, May to October, 1961		Map 1141G	1" to 1 mile (1:63,360)
Ontario Geological Survey	1980	Airborne Electromagnetic and Total Intensity Magnetic Survey, Atikokan-Mine Centre Area, Western Part, District of Rainy River, by Questor Surveys for the Ontario Geological Survey, Geophysical/ Geochemical Series, Survey and compilation December 1979 to April 1980		OGS Map 80507 OGS Map 80509	1:20,000

SELECTED REFERENCES

Author	Date	SELECTED REFERENCES		Reference	Map Scales and/or Report Pages
		Title			
Roed, M. A.	1980	SURFICIAL, PLEISTOCENE, TERRAIN ENGINEERING Seine River Area (NTS 52C/NE), District of Rainy River, Northern Ontario Engineering Geology Terrain Study 54, Accompanied by map 5072		NOECTS 54	1:100,000
Zoltai, S. C.	1961	Glacial History of Part of Northwestern Ontario; Proc. Geol. Assoc. Can., 13: 61-83 MINERAL POTENTIAL MAPS		Map SL65	1" to 8 miles 1"506,880
Springer, J.	1978	Ontario Mineral Potential, International Falls- Rosseau Sheet, District of Rainy River, Mineral Deposits Series, Compilation 1977, 1978 GEOLOGICAL REPORTS AND MAPS		OCS Map P.1523	1:250,000
Fenwick, K. G., Larsen, C. R., Scott, J. F., Mason, M. K., Schnieders, B.	1980	1979 Report of North Central Regional Geologist; p.38-61 in Annual Report of the Regional and Resident Geologists, edited by C. R. Kustra		OCS MP91	143 pages
Fumerton, S. L.	1985	Geology of the Calm Lake Area, District of Rainy River, Accompanied by Map 2467, scale 1:31,680		OCS Report 226	72 pages
Fumerton, S. L., Bumgarner, E. L.	1981	Precambrian Geology of the Calm Lake Area, Rainy River District (Revised), Geological Series		OCS Map P.2405	1" to 1/4 mile 1:15,840

GOLF FORM NO.9

Author	Date	SELECTED REFERENCES		Reference	Map Scales and/or Report Pages
		Title			
Schneiders, B. R., Dutka, R. J. Ontario Geological Survey-Geological Survey of Canada Young, W.L.	1985	GEOLOGICAL REPORTS AND MAPS Property Visits and Reports of the Atikokan Economic Geologists, 1979-1983, Atikokan Geological Survey, 2 tables, 42 figures, 2 maps, 3 appendices		OGS OFR 5539	512 pages
	1980	Regional Lake Sediment and Water Geochemical Reconnaissance Data Rainy Lake/Quetico Area, Ontario, NYS 52C		OGS OFR 5285 16 maps	52 pages 1:250,000
	1960	Geology of the Bennett-Tanner Area		ODM vol.69, Pt.4	17 pages

Author	Date	SELECTED REFERENCES Title		Reference	Map Scales and/or Report Pages

NOTES AND ADDENDA

AERIAL PHOTOGRAPH INDEX (compiled from index maps only)

<u>Roll</u>	<u>Photo Number</u>
<u>1952</u> (scale 1" to 1 mile)	
A13502	91, 92, 93
A13504	5, 6, 7

<u>Roll</u>	<u>Photo Number</u>
<u>1982</u> (scale 1" to 1/4 mile)	
23	147 - 155
40	1 - 14; 81 - 96; 173 - 181; 184 - 198
41	103 - 116
59	1 - 15

TOPOGRAPHIC MAPS

52C International Falls Series A501 Edition 5MCE scale 1:250,000

ONTARIO BASE MAP SERIES
(published maps currently available)
scale 1:20,000

20	15	5500	53900
20	15	5600	53900

MINERAL DEPOSITS FILE

A deposits file is maintained at the Kenora Resident Geologist's office which contain published data on the following deposits:

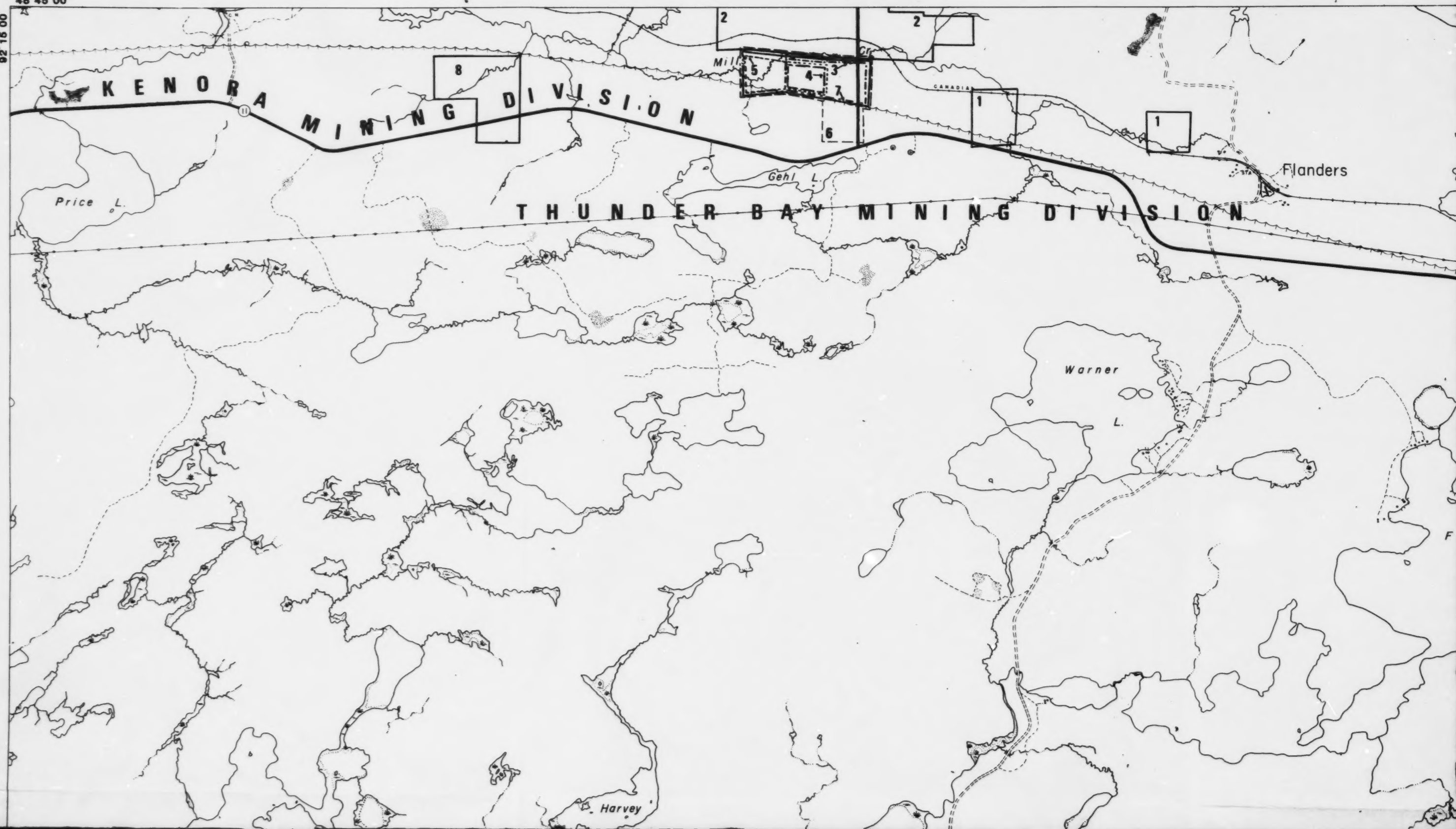
1. Hidden Treasure Mine
2. Mayflower Mine
3. Mills Creek Occurrence

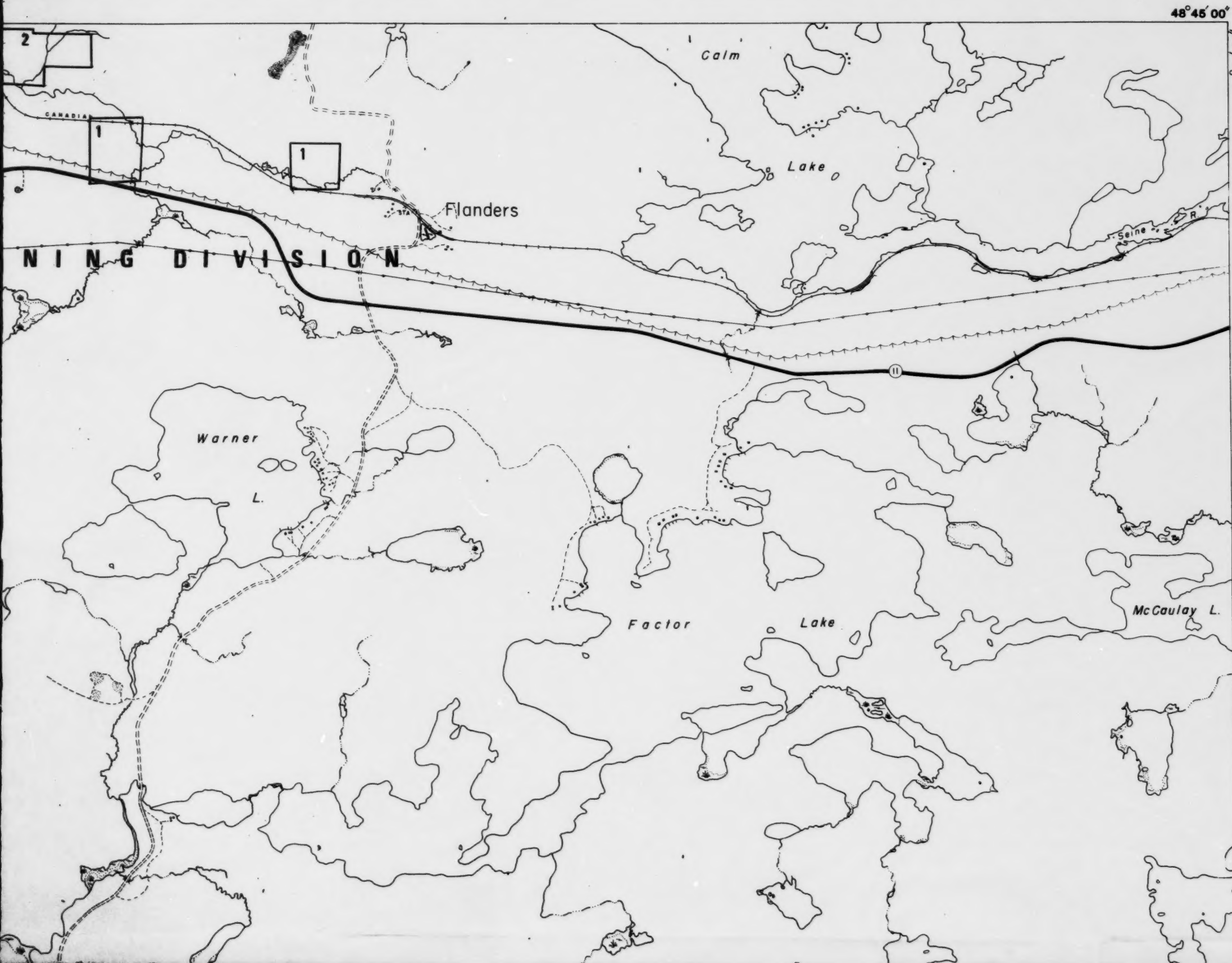
NOTES

Note A

In the past Calm Lake has been called Nonwatin Lake and Factor Lake has been called Pine Lake.

48° 45' 00"
92° 15' 00"





Ministry of
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Division

ONTARIO GEOLOGICAL SURVEY

PROPERTY LOCATION MAP

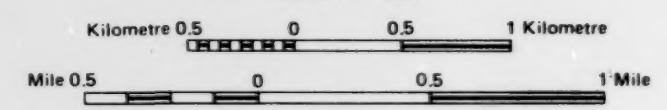
GEOLOGICAL DATA INVENTORY FOLIO 467

(Map 1 of 2)

FACTOR LAKE AREA

DISTRICTS OF KENORA AND THUNDER BAY

Scale 1:31 680





92°16'00"

45°37'30"



EXPLORATION DATA FILE AREAS

■  Reference number is always inside work area outlined.
See listing in text pages.

□  Small area of exploration

48° 37' 30"

92° 00' 00"

TYPES OF DATA SHOWN ON THIS MAP

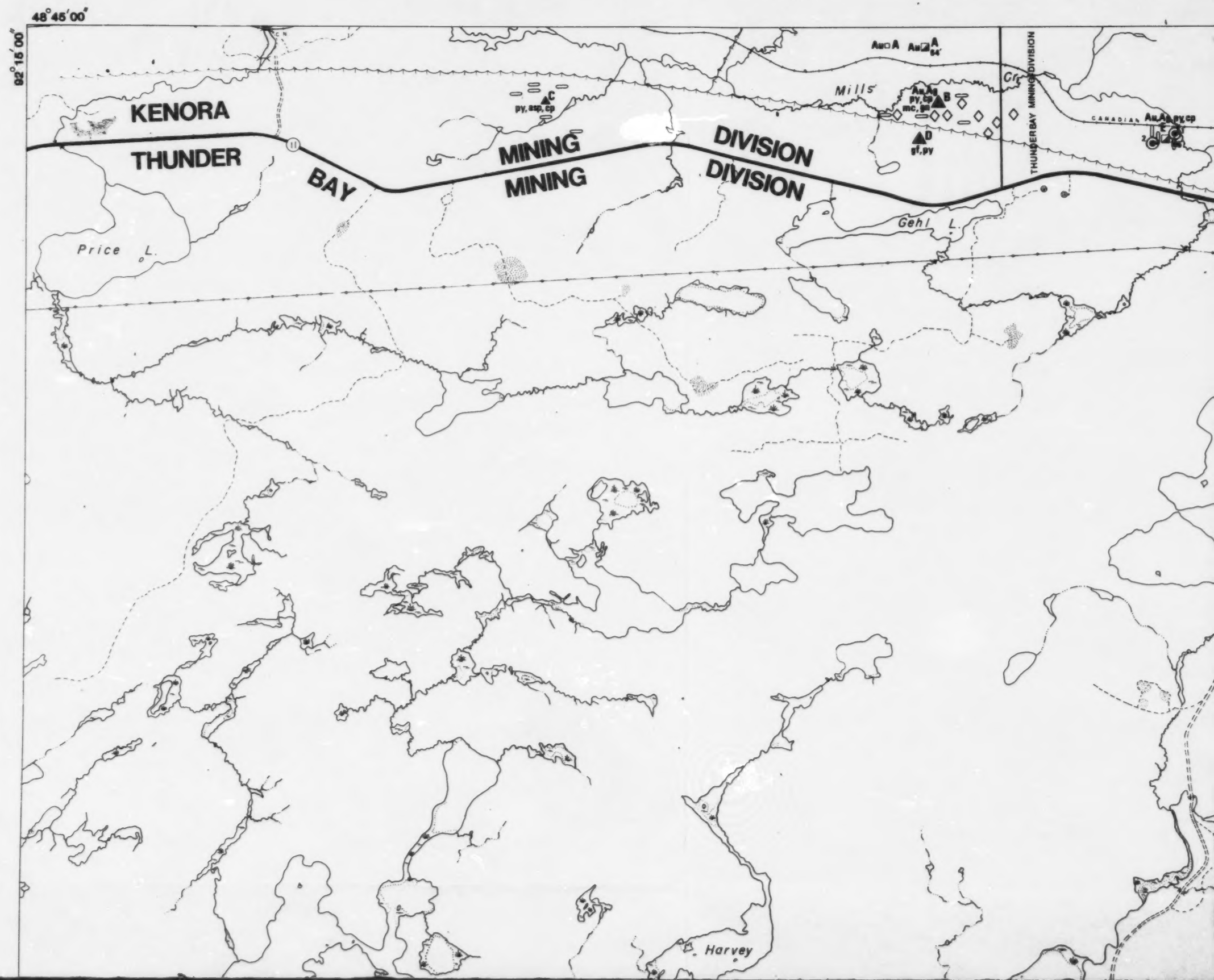
GEOCHEMICAL AND GEOCHRONOLOGICAL DATA

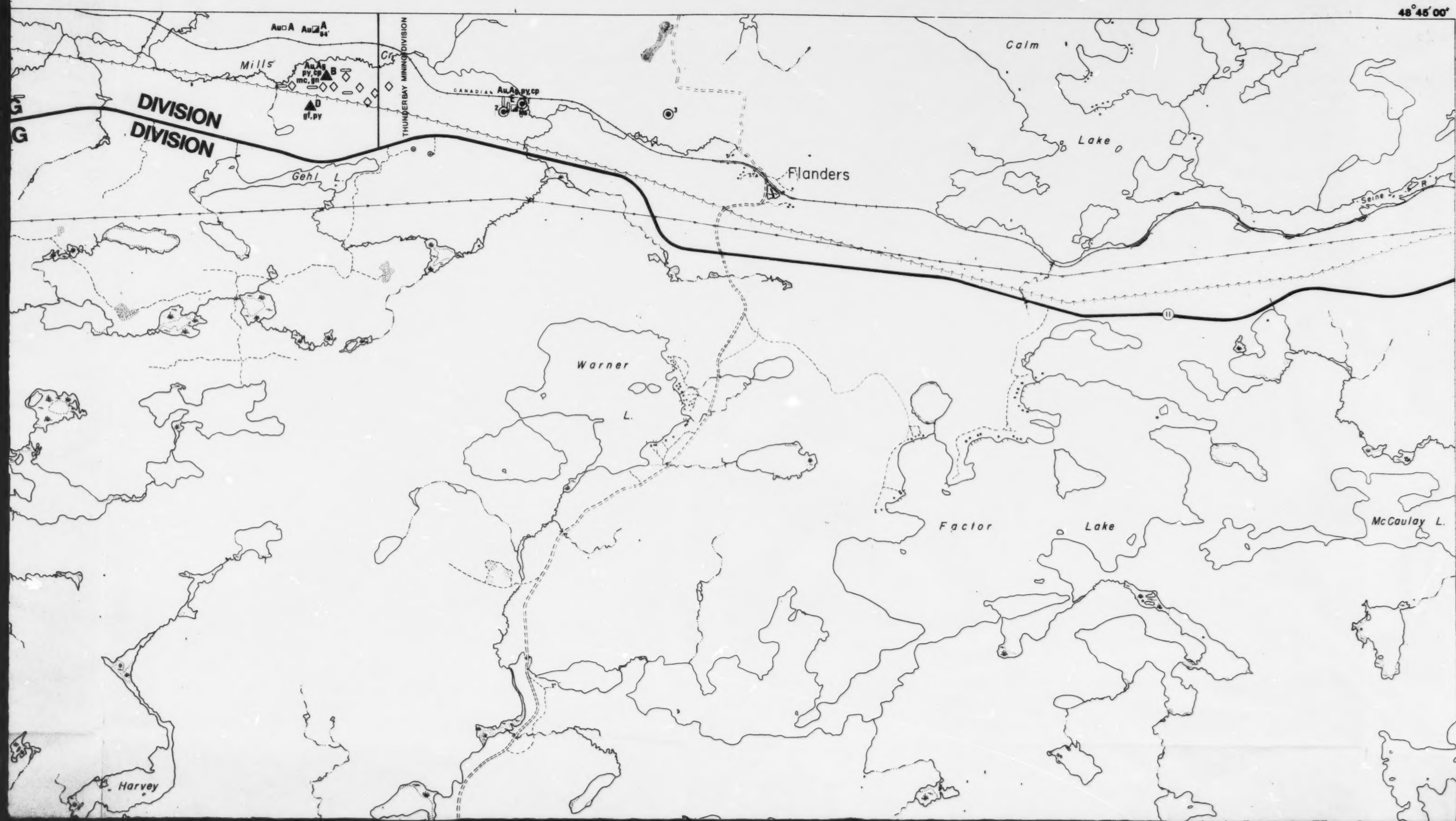
- ☐  Geochemical sample site, with reference number
- ☐  Area of geochemical sampling, with reference number
- ☐  Age dating material sampling site, with reference number

GEOPHYSICAL ANOMALIES

- ☐  Airborne magnetic anomaly
- ☐  Airborne electromagnetic anomaly
Length of anomaly along flight line
- ☐  Airborne electromagnetic anomaly
Location of anomaly along flight line
- ☐  Airborne electromagnetic anomaly
Conductor axis: definite, probable, possible
- ☐  Airborne radiometric anomaly
- ☐  Ground magnetic anomaly
- ☐  Ground electromagnetic anomaly
(VL - Vertical loop; HL - Horizontal loop
VLF - Very low freq.; Turam; JEM -
Crone Em - 16)
- ☐  Ground radiometric anomaly
- ☐  Induced polarization anomaly
- ☐  Self potential anomaly
- ☐  Audio-frequency magnetic anomaly
(total intensity)
- ☐  Resistivity anomaly
- ☐  Gravity anomaly

MISCELLANEOUS DATA

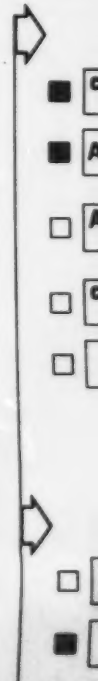


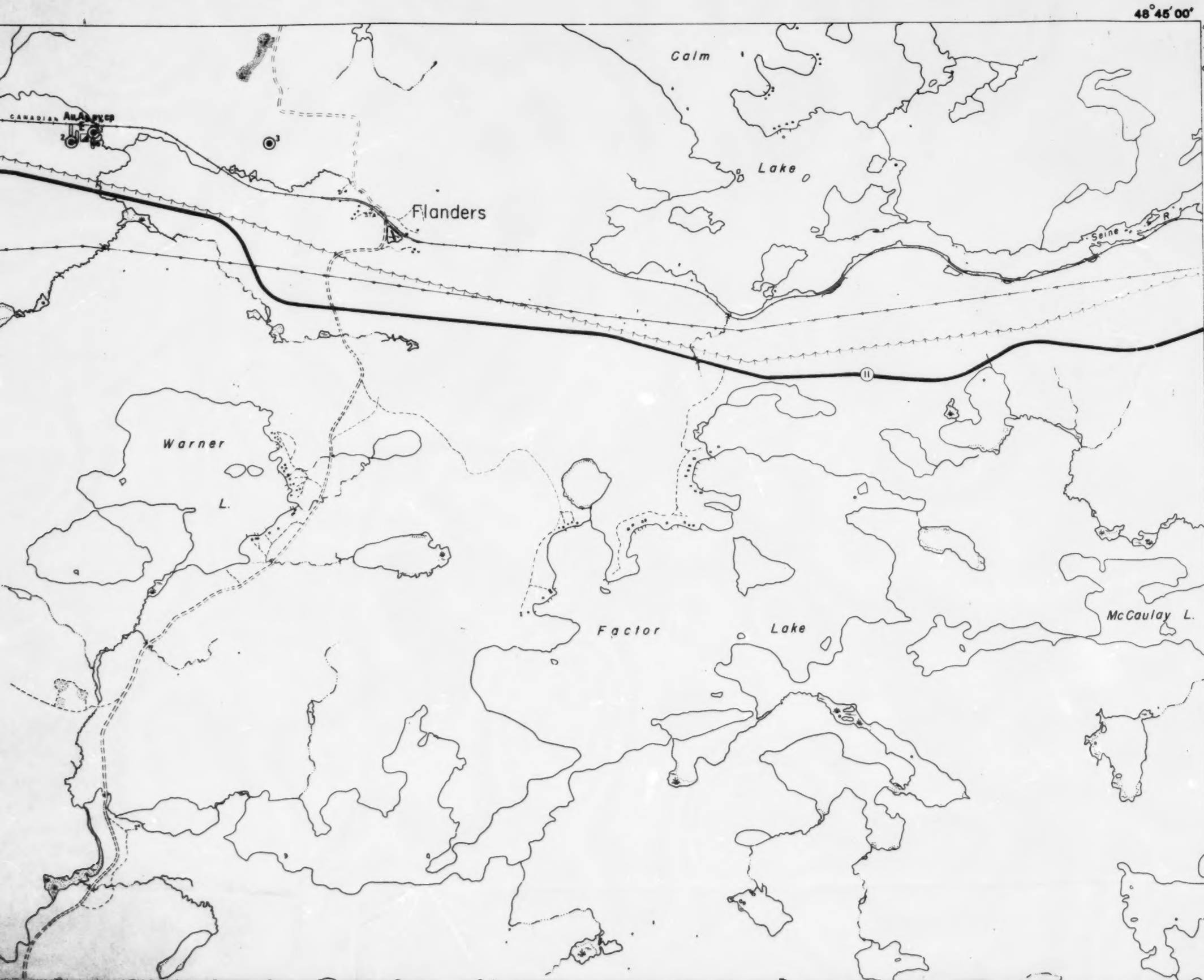


G
FA
DIS

Kil
Mile 0.5

TYPES





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ONTARIO GEOLOGICAL SURVEY

EXPLORATION DATA MAP

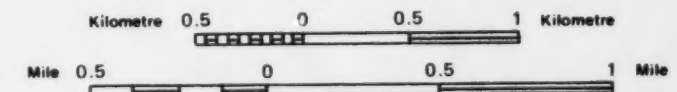
GEOLOGICAL DATA INVENTORY FOLIO 467

(Map 2 of 2)

FACTOR LAKE AREA

DISTRICTS OF KENORA AND THUNDER BAY

Scale 1:31 680



GEOLOGICAL AND MINING SYMBOLS

TYPES OF DATA SHOWN ON THIS MAP

MINERAL OCCURRENCES

- ☒ Mineral occurrence at surface, with reference letter
- ☒ Mineral occurrence with shaft, depth given with reference letter
- ☐ Mineral occurrence reported but exact location uncertain, with reference letter
- ☐ Mineralized float with reference letter
- ☐ Mineral occurrence in drillhole, with reference letter, and drillhole number

DRILLHOLES

- ☐ Location of single drillhole, with reference number
- ☒ Location of closely spaced group of drillholes, with reference number
- ☐ Drillhole, exact location uncertain, with reference number

- ☐ Resistivity anomaly
- ☐ Gravity anomaly

MISCELLANEOUS DATA

- | | | | |
|--------------------------|----------------|--------------------------|------------------------|
| ☐ | Trenching, pit | ☐ | Rock quarry |
| ☐ | Adit | ☐ | Sand and/or gravel pit |
| ☐ | Open pit | | |
| ☐ | Stripping | | |

NOTE: Consult the text that accompanies this map for pertinent lists of data, references, and abbreviations.





48° 37' 30"
122° 00' 00"



48° 37' 30"

92° 00' 00"

-  A. Mineral occurrence in drillhole, with reference letter, and drillhole number
- DRILLHOLES**
-  Location of single drillhole, with reference number
-  Location of closely spaced group of drillholes, with reference number
-  Drillhole, exact location uncertain, with reference number
-  Property with underground drillholes in this general area, with reference number
-  Property with drillholes which have not been plotted on map, with reference number
-  Reverse circulation drillhole; churn drilling, with reference number